

<b>NPP Acronym List</b>	
Acq & Control	Acquisitions and Control
ACS	Attitude Control System
ADCS	Attitude Determination and Control System
ADO	Associate Director for Operations
ADP	Ancillary Data Providers
ADS	Archive & Distribution Segment
AER	Atmospheric and Environmental Research
AFOTEC	Air Force Operational Test and Evaluation Center
AFWA	Air Force Weather Agency
AGE	Aerospace Ground Equipment
AI&T	Assembly, Integration and Test
AIRS	Atmospheric Infrared Sounder Project
ALT	Altimeter
AMSR	Advanced Microwave Scanning Radiometer
AMSU	Advanced Microwave Sounding Unit
Anal.	Analysis
ANSI	American National Standards Institute
Ant	Antenna
Ao	Operational Availability
AOA	Aft Optics Assembly
AOT	Aerosol Optical Thickness
APHY	Analog Physical Layer
API	Application Program Interface
APID	Application Identifier
Appl	Applications
APS	Aerosol Polarimetry Sensor
APs	Application Packets
ARP	Algorithm Research Panel
ASTER	Advanced Spaceborne Thermal Emissions and Reflection Radiometer
ATBD	Algorithm Theoretical Basis Document
ATMS	Advanced Technology Microwave Sounder
ATO	Approval to Operate
ATP	Authorization to Proceed
AVMP	Atmospheric Vertical Moisture Profile
AVTP	Atmospheric Vertical Temperature Profile
BAR	Build Architecture Review
BAT	Bench Acceptance Test
BATC	Ball Aerospace & Technologies Corporation
BB	Brassboard
BBMEB	Brassboard Main Electronics Box
BCP	Ball Commercial Platform
BOD	Beneficial Occupancy Date
BPSK	Bi Phase Shift Key
BRDF	Bidirectional Reflectance Distribution Function
BTDF	Bidirectional Transmissive Distribution Function
C&DH	Command and Data Handling
C&DP	Command and Data Processor
C&T	Command and Telemetry
C3S	Command, Control and Communication Segment
C4ISP	Command, Control, Communications, Computers, and Intelligence Support Plan

C4ISR	Command, Control, Communication, Computers Intelligence Surveillance and Reconnaissance
CADU	Channel Access Data Unit
CAL	Calibration
cal/val	Calibration / Validation
CARS	Climate Analysis Research System
CBE	Current Best Estimate
CBM	Command Block Memory
CBT	Computer Based Training
CCA	Circuit Card Assemblies
CCA	Contamination Control Analysis
CCAM	Contamination and Collision Avoidance Maneuver
CCB	Configuration Control Board
CCP	Contamination Control Plan
CCS	Climate Calibration Service
CCSDS	Consultive Committee on Space Data Systems
CDA	Command and Data Acquisition
CDMS	Climate Data Management Service
CDP	Command and Data Processor
CDPs	Climate Data Products
CDRs	Climate Data Records
CDW	Code Development Walk-through
CEOS	Committee on Earth Observation Satellites
CEP	Command Encryption Processor
CIL	Critical Items List
CIO	Chief Information Officer
CLASS	Comprehensive Large Array-data Stewardship System
CLTU	Command Link Transfer Unit
cm	Centimeters
CM	Configuration Management
CMD	Command
CMIS	Conical Microwave Imager Scanner
CMMI	Capability Maturity Model Integration
CMS	Climate Mission Storage
COE	Common Operating Environments
Coeffs	Coefficients
Conops	System and Operation Concept
CONUS	Continental United States
COT	CLASS Operations Team
COTS	Commercial Off-the-Shelf
CPMT	CLASS Project Management Team
CPT	Comprehensive Performance Test
CrIMSS	Cross-track Infrared Microwave Sounder Suite
CrIS	Cross-Track Infrared Sounder
CSM	Command Storage Memory
CSO	Cavity Stabilized Oscillator
CSTOL	Colorado Spacecraft Test and Operation Language
CTS	Consent to Ship
CTU	Command and Telemetry Unit
CUT	Code and Unit Test
CV	Calibration / Validation
CVDB	Cal/Val Database

d	day
DAS	Detailed Activity Schedule
DAU	Decryptor Authenticator Unit
dB	Decibel
DCAVS	Distributed CDR/EDR Algorithm Validation Service
dCDR	Delta Critical Design Review
DCM	Detector Cooler Module
DDR	Data Delivery Report
DDS	Data Delivery Subsystem
deg	degree
DEM	Digital Elevation Model
Demo.	Demonstration
DFCB	Data Format Control Book
DFD	Data Flow Diagram
DHN	Data Handling Node
DMR	Data Monitoring and Recovery
DMSP	Defense Meteorological Satellite Program
DN	Delivery Notification
DNB	Day Night Band
DoD	Department of Defense
DoS	Denial of Service
DPE	Data Processing Element
DPHY	Digital Physical Layer
DPM	Deputy Project Manager
DQ	Data Quality
DQE	Data Quality Engineer
DQM	Data Quality Management
DQM	Data Quality Monitoring
DQN	Data Quality Notifications
DR	Discrepancy Report
DRR	Data Routing and Retrieval
DSEP	Distribution & Support Electronics Package
DSI	Direct Source Instructions
DTO	Detailed Test Objectives
EAP	Extended Application Packet
ECR	Engineer Change Request
EDD	Engineering Data Description
EDRs	Environmental Data Records
EDU	Engineering Development Unit
EEOs	Early Engineering Opportunities
EEPROM	Electrically Erasable Programmable Read-only Memory
EFR	Engineering Failure Reports
EIDP	End Item Data Package
EIT	Early Interface Test
Elec	Electrical
EM	Engineering Model
EM	Enterprise Management
EMC	Electro-Magnetic Contamination
EMI	Electro-Magnetic Interference
EMOC	Enterprise Management Operation Controller
EMOS	EOS Mission Operations System
EMU	Engineering Model Units

EO	Engineering Opportunity
EOL	End of Life
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
EOT	Early Orbit Team
EP	Electrical Performance
EPDS	Electrical Power Distribution System
Equip	Equipment
ERB	Engineering Review Board
ERBS	Earth Radiation Budget Sensor
ESE	Earth Science Enterprise
EVCDU	Extended Virtual Channel Data Unit
FARS	Failure Anomaly Reporting System
FAT	Factory Acceptance Test
FC	Fibre Channel
FCA	Functional Configuration Audit
FG	Focus Groups
FIP	Facility Implementation Plan
FIST	Factory Integration Site Test
FMA	Final Mission Analysis
FMEA	Failure Modes and Effects Analysis
FO&S	Flight Operations and Sustainment
FOR	Field of Regard
FOR	Flight Operations Review
FOV	Field of View
FPA	Focal Plane Array
FPB	Flight Planning Board
FPGA	Field Programmable Gate Array
FPIE	Focal Plane Interface Electronics
FQT	Functional Qualification Test
FRB	Failure Review Board
FSW	Flight Software
FTA	Fault Tree Analysis
FTP	File Transfer Protocol
FTT	Functional Thread Test
FU	Flight Unit
FVS	Flight Vehicle Simulator
FWSM	Firewall Services Module
GB	Giga Byte
GCMRs	Ground Control Message Request
GDO	Gunn Diode Oscillator
GIID	General Instrument Interface Document
GLS	Ground Link Simulator
Gnd	Ground
GO	Ground Operations
GO&S	Ground Operations and Sustainment
GOES	Geostationary Operational Environmental Satellites
GOFC-GOLD	Global Observation of Forest and Land Cover Dynamics
Govt	Government
GPS	Global Positioning System
GRR	Ground Readiness Review
GS	Ground System

GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSN	Ground Support Node
GUI	Graphical User Interface
H&S	Health and Safety
H/W	Hardware
HAM	Half Angle Mirror
HCS	Horizontal Cell Size
HDF	Heirarchical Data Format
HDW	Hardware
HMI	Human Machine Interface
HRD	High Rate Data
HTTP	Hypertext Transfer Protocol
HWIC	Hardware Configuration Item
I&T	Integration and Test
I&TSE	Integration & Test Support Element
I/F	Interface
ICD	Interface Control Document
ICESat	Ice, Cloud and Land Elevation Satellite
ICFs	Instrument Control Facility
ICT	Interface Confidence Test
ICT	Internal Calibration Target
ID	Identification
IDPS	Interface Data Processing Segment
IERS	Inertial Earth Reference System
IERSs	Information Exchange Requests
IETF	Internet Engineering Task Force
IFOV	Instantaneous Field of View
IGSE	Instrument Ground Support Equipment
IID	Instrument Interface Description
IIRR	Instrument Integration Readiness Review
ILS	Integrated Logistics Support
Insp.	Inspection
Int & Test	Integration and Test
INTF	Interface Specification
IOD	Integrated Operational Requirments Document
IP	Intermediate Product
IPO	Integrated Program Office
IPT	Integrated Product Team
IR	Infrared
IRD	Interface Requirement Document
IRU	Inertial Reference Unit
IS	Isolation System
ISF	Integrated Support Facility
ISS	Integrated Sensor Suite
IT	Information Technology
ITAR	International Traffice in Arms Regulations
IV&V	Independent Verification and Validation
JPL	Jet Propulsion Laboratory
JTA	Joint Technical Architecture
kg	kilogram
km	Kilometer

KPP	Key Performance Parameter
KSAT	Kongsberg Satellite Services AS
KSC	Kennedy Space Center
LAN	Local Area Network
LEO&A	Launch, Early Orbit, and Activation
LOS	Loss of Signal
LP	Limb Profiler
LPT	Limited Performance Test
LRD	Launch Readiness Date
LRV	Last Recorded Value
LSE	Launch Support Equipment
LSS	Launch Support Segment
LT	Local Time
LTA	Long Term Archive
LTM	Long Term Monitoring
LUTs	Look Up Tables
LV	Launch Vehicle
LW	Long Wave
LWIR	Long Wave Infrared
m/s	milliseconds
MA	Mission Assurance
MAL	Malindi Telemetry Site
MCDR	Mission Critical Design Review
MCR	Material Discrepancy Report
MDFCB	Mission Data Format Control Book
MDRs	Material Discrepancy Report
MDT	Mean Down Time
MEB	Main Electronics Box
MECO	Main Engine Cut Off
Metop	Meteorological Operational Satellite
MHS	Microwave Humidity Sounder
MIL-STD	Military Standard
min	minute
MIWG	Mission Integration Working Group
MLI	Multilayer Insulation
μm	Micrometer
mm	Millimeter
MM	Mission Management
MMC	Mission Management Center
MODAPS	MODIS Data Processing System
MODIS	Moderate-Resolution Imaging Spectrometer
MOM	Mission Operations Manager
MOR	Mission Operations Review
MOT	Mission Operations Team
MPLS	Multiprotocol Label Switching
MRB	Mission Review Board
MRS	Mission Requirements Specification
MSD	Mission Support Data
MSDS	Mission Support Data Server
MT	Mobil Telemetry
MTBDE	Mean Time Between Downing Events
MTF	Mean Time to Failure

MW	Medium Wave
N/A	Not Applicable
NASA	National Aeronautics and Space Administration
NCC	Network Control Center
NCDC	National Climatic Data Center
NCMR	Non-Conforming Materials Reports
NCs	Nonconformances
NCT	NPP Compatibility Test
NEAT	Noise Equivalent $\Delta$ temperature
NESDIS	National Environmental Satellite, Data and Information Service
NEXRAD	NEXT Generation Weather Radar
NEXT	NPP EDU eXchange Toolkit
NG	Northrop Grumman
NGDC	National Geophysical Data Center
NGES	Northrup Grumman Electronic System
NGIID	NPOESS Generic Instrument Interface Document
NGST	Northrop Grumman Space & Mission Systems Corp. Space Technology
NGST	Northrup Grumman Space Technology
NICs	Network Interface Cards
NICSE	NPP Instrument Calibration and Support Element
NICST	NPP Instrument Characterization Support Team
NIWG	NPP Interation Working Group
NLA	NASA-KSC Launch Services
NMMR	NOAA Metadata Manager's Repository
NNDC	NOAA National Data Center
No.	Number
NOAA	National Oceanographic and Atmospheric Administration
NOC	Network Operations Center
NP	Nadir Profiler
NPOESS	National Polar-Orbiting Operational Environmental Satellite System
NPP	National Polar-Orbiting Operational Environmental Satellite System Preparatory Project
NRD	Network Requirements Document
NRZ-L	Non Return to Zero-Level
NRZ-M	Non Return to Zero-Mark
NSIPS	NPOESS Science Investigator-led Processing System
NSOF	NOAA Satellite Operational Facility
NWP	Numerical Weather Prediction
NWS	National Weather Satellite
O&S	Operations and Sustainment
OATs	Operational Algorithm Teams
OCXO	Oven Control Crystal Oscillator
OD	Operations Director
ODPS	Ocean Data Processing System
OJT	On the Job Training
OMI	Ozone Monitoring Instrument
OMIDAPS	OMI Data Processing System
OMM	Optical Mechanical Module
OMPS	Ozone Mapping Profiler Suite
OO	Orbit Operations
Ops	Operation
Opscon	Operation Concept

Opto-Mech	Optical Mechanical
OQPSK	Offset Quadrature Phase Shift Key
ORE	Operational Readiness Exercise
ORT	Operational Readiness Test
OSD	Office of the Secretary of Defense
OSHA	Occupational Safety and Health Administration
PAF	Payload Attached Fitting
PB	Playback
PCA	Physical Configuration Audit
PCA	Program Commitment Agreement
PCE	Processing Control Electronics
PCR	Problem Change Request
PCS	Probability of Command Shutdown
PDR	Product Subscription Request
PE	Packet End
PEATEs	Product Evaluation and Analysis Tool Element
PFM	Photoflight Model
PGAA	Performance & Guidance Accuracy Analysis
PLB	Playback
PLO	Phase Lock Oscillator
PM	Packet Middle
PM	Project Manager
PM&P	Parts, Materials, and Processes
PMA	Preliminary Mission Analysis
PMPCB	Parts, Materials, and Processes Review Board
POC	Point of Contract
POES	Polar-Orbiting Operational Environmental Satellites
PoP	Point of Presence
POS	Performance Operations Specification
POSIX	Portable Operating System Interface for Computer Environments
PPF	Payload Processing Facility
Pre-MOR	Preliminary Mission Operation Readiness
Proc	Procedures
PS	Packet Start
PS	Power Supply
Ps	Probability of Success
PSG	Project Science Group
PSLA	Project Service Level Agreement
PSOE	Project Science Office Element
PST	Project Science Team
PUMA	Power Utilization Management Assembly
PVP	Performance Verification Plan
PWR	Power
QA	Quality Assurance
QoS	Quality-of-Service
QPSK	Quadrature Phase Shift Key
RDRs	Raw Data Records
red	Redundant
Req'mts	Requirements
RF	Radio Frequency
RFA	Request For Action
RPS	Receiver Power Supply



RRP	Revised Recovery Plan
RRS	Restraint Release System
RSB	Reflective Solar Band
RSR	Relative Spectral Response
RT	Real-time
RTA	Rotating Telescope Assembly
RTMs	Reduced Thermal Models
RVS	Response Versus Scan Angle
S/C	Spacecraft
S/MWIR	Short / Medium Wave Infrared
S4	Site System Support Staff
SA	Single Access
SAT	Science Advisory Team
SAT	Segment Acceptance Test
SAT	System Administration Team
SATCON	Satellite Controller
SAW	Standing Acoustics Wave (filter)
SBC	Single Board Computers
SBRs	Santa Barbara Remote Sensing
SBUV	Solar Backscatter Ultra Violet
SC Sim	Spacecraft Simulator
SCC	Spacecraft Control Computer
SCCB	Segment Configuration Control Board
Sci	Science
SCTGEN	Spacecraft Telemetry Generator
SD	Solar Diffuser
SD3E	Science Data Distribution & Depository Element
SDE	Scan Drive Electronics
SDRs	Sensor Data Records
SDS	Science Data Segment
SDSM	Solar Diffuser Stability Monitor
SE	System Engineering
SeaBASS	SeaWiFS Bio-optical Archive and Storage System
SeaWifs	Sea-viewing Wide Field-of-view Sensor
sec	seconds
SECO	Second Engine Cut-off
Sensor Sim	Sensor Simulator
SER	Scientific, Engineering and Research
SER	System Engineering Report
SES	Space Environmental Suite
SET	Systems Engineering Team
SFS	Shared File System
SI	System Integration
SI&T	System Integration and Test
SIIS	S/C to Instrument Interface Simulator
SIM	Simulator
SIMMS	Scalable Integrated Multi-Mission Simulation
SIMR	Svalbard Initial Mission Recovery
SIPS	Science Investigator-led Processing System
SIs	Software Items
SLA	Service Level Agreement
SLC	Space Launch Complex

SMA	Safety and Mission Assurance
SMD	Stored Mission Data
SN	Space Network
SNR	Signal to Noise Ratio
SNUG	Space Network User's Guide
SO	Satellite Operations
SODM	Spacecraft Operations and Descriptions Manual
SOPs	Standard Operating Procedures
SOW	Statement of Work
SPA	Signal Processing Assembly
Spec	Specification
SPT	System Performance Test
SQPN	Staggered Quadriphase Pseudorandom Noise
SQPSK	Staggered Quadrature Phase Shift Key
SRD	Sensor Requirements Document
SRM	Solid Rocket Motor
SRR	System Requirements Element
SS	Space Segment
SSA	S-Band Single Access
SSEC	Space Science and Engineering Center
SSI	Space Systems Incorporated
SSM	Scene Selection Module
SSN	Space Support Node
SSPR	Shared System Performance Responsibility
SSR	Solid State Recorder
SSSS	Site System Support Staff
SST	Sea Surface Temperature
ST	Science Team
STA	Stored Telemetry Analysis
SVP	System Verification Plan
SW	Software
SWIC	Software Integration and Checkout
SWIR	Short Wave Infrared
SWMIR	Short Wave / Medium Infrared
SWSI	Scheduling White Sands Interface
Sys	System
T&C	Telemetry and Command
TAWS	Test Anomaly Worksheets
TB	TeraBytes
TBDs	To Be Determined
TBR	To Be Resolved
TBS	To Be Supplied
TBx's	To Be (Resolved/Supplied/Determined)
TDRs	Temperature Data Records
TDRSS	Tracking and Data Relay Satellite System
TEB	Thermal Emissive Band
TEMP	Test and Evaluation Master Plan
TES	Test Execution System
TEU	Telemetry Engineering Unit
TIM	Technical Interface Meeting
TLM	Telemetry
TLTB	Transfer Layer Test Bed

TOMS	Total Ozone Mapping Spectrometer
TPG	Timing Pattern Generator
TRR	Test Readiness Review
TSIS	Total Solar Irradiance Suite
TV	Thermal Vac
TVAC	Thermal Vacuum
TWG	Training Working Group
UIID	Unique Instrument Interface Document
UQPSK	Unbalanced Quadrature Phase Shift Key
US	United States
UTC	Universal Time Coordinate
V&V	Verification and Validation
VAFB	Vandenberg Air Force Base
VCDUs	Virtual Channel Data Unit
VCN	Voice Communications Network
VDD	Version Description Document
VIB	Vibration
VIIRS	Visible Infrared Imaging / Radiometer Suite
VisNIR	Visible Near Infrared
VOAT	VIIRS Operational Algorithm Team
VR	Verification Review
VTs	Vandenburg Telemetry Site
WAN	Wide Area Network
Wk	Week
WR	Western Range
WRRP	Work Request Review Panel
WRS	Work Request System
WSC	White Sands Complex
xDR	Generic Data Record (x=R, S, T or E)